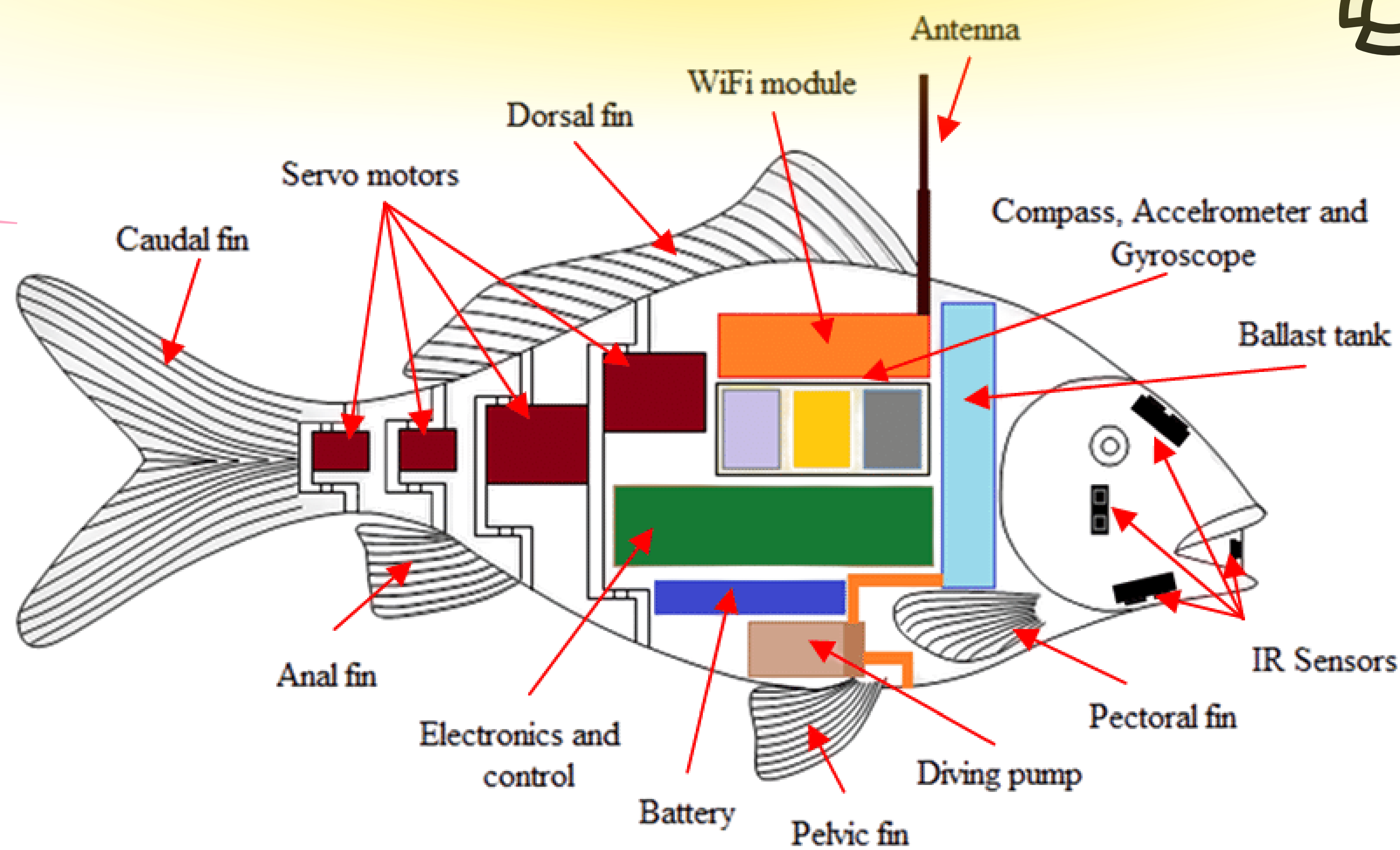


# FISH INSPIRED ROBOTS

## Biomimicry



**Gilbert**

Designed by: University of Surrey, England  
Applications: Vacuums microplastics from waterways



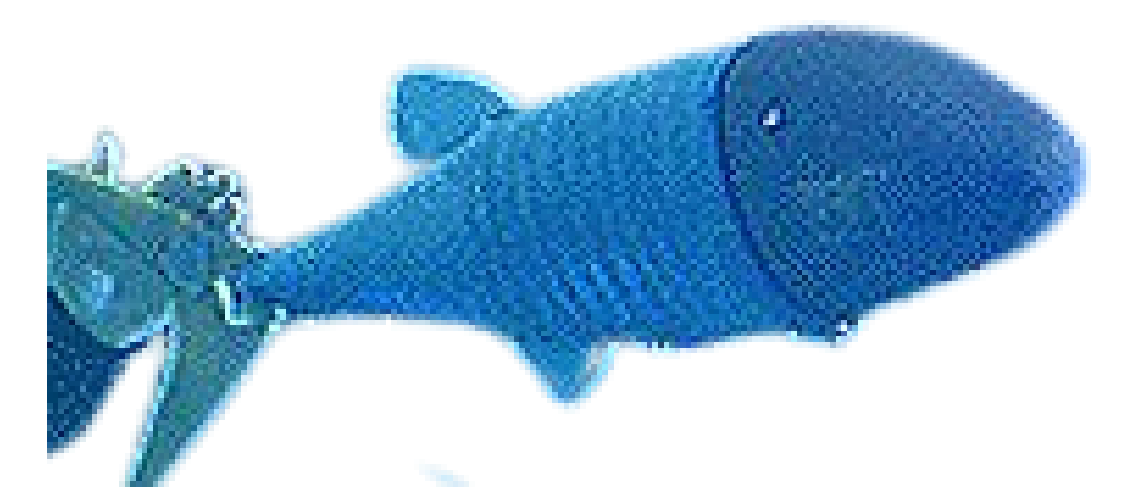
**SoFi**

Designed by: Massachusetts Institute of Technology (MIT), USA  
Applications: Exploration of underwater life



**Mantadroid**

Designed by: National University of Singapore, Singapore  
Applications: Underwater surveillance and marine biodiversity studies



**Robopike**

Designed by: MIT, U.S.A.  
Applications: Used as part of research into the mechanics of fish swimming actions



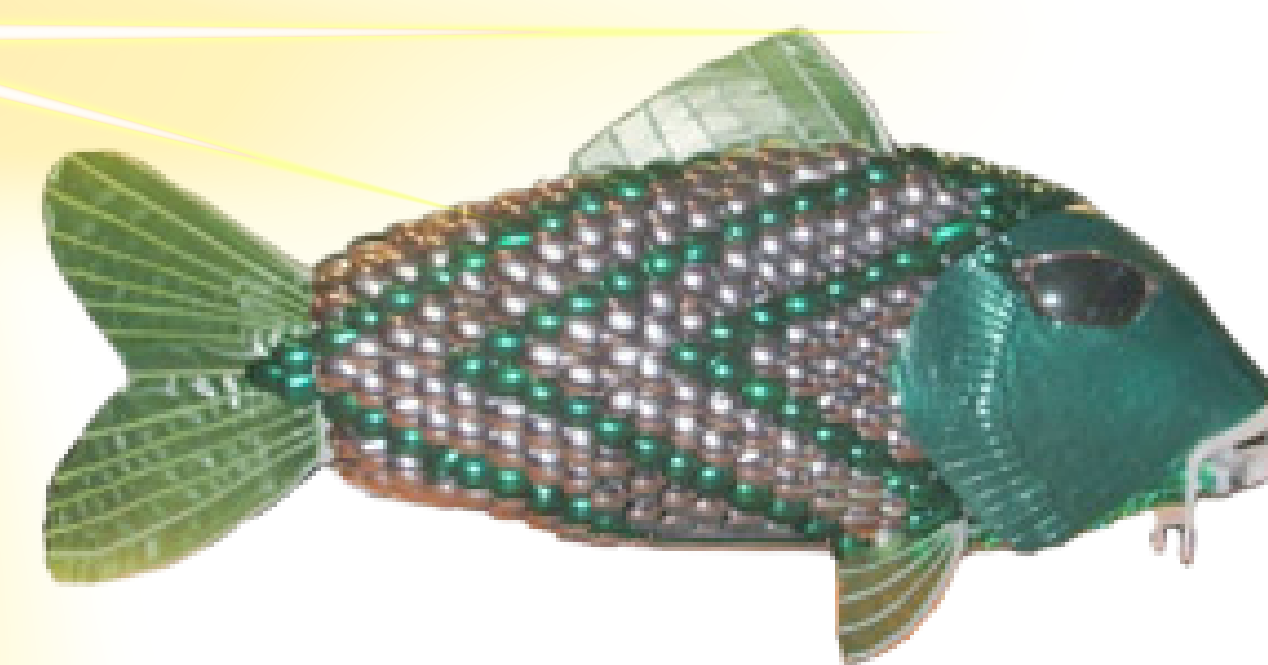
**Robotic Koi**

Designed by: Ryomei Engineering, Japan  
Application: Make water quality inspections



**Robot Poisson SPC-03**

Designed by the Chinese Academy of Sciences, China  
Application: Underwater exploration and photography, and the transport of small objects



**G8 Fish**

Designed by: University of Essex, England  
Applications: Detect water pollution



**Robot Jellyfish**

Designed by: Florida Atlantic University, US and the U.S. Office of Naval Research scientists  
Applications: Studying coral reefs



**AgnathaX**

Designed by: Biorobotics Laboratory in Ecole Polytechnique Federale de Lausanne (EPFL), Switzerland  
Applications: Can sense the forces from the water



**RoboTuna**

Designed by: MIT, USA  
Applications: To investigate the possibility of finding a superior system of propulsion for the Autonomous Underwater Vehicles (AUVs)



**iSplash-II**

Designed by: Essex University, England.  
Applications: Possibility of developing high speed AUVs

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